research in India is at a preclinical stage where basic science is the focus. On the basis of such basic research, these applications may then, be tested first in bre-clinical animals models and subsequently in patients.

(c) Currently, the status of research into gene therapy is in an embryonic stage in our country. Significant progress in basic research into (1) Gene delivery systems for targetting therapeutic genes to particular tissues and (2) of animal models of human infectious diseases particularly relevant to India can be expected in the next 5-10 years. Progress in developing actual gene therapies for human trials can only be expected in the next 10-15 years. However, it should be noted that if gene based therapies for either infectious or inherited diseases reach the clinic anywhere in the world, it should be possible to use such therapies here also.

Separate cadres under Official Language Act in the Health Offices

2869. SHRI RAJ NATH SINGH:
SHRIMATI MALTI SHARMA:

Will the Minister of HEALTH AND FAMILY WELFARE be pleased to state:

(a) whether orders under section 4(4) of Official Language Act, 1963, were issued by the competent authority vide resolution No. I/20012/l/87-OL(AI) dated 30th December, 1998 (Item No. 11) for formation of separate cardes of officers engaged in translation work in subordinate Offices of Ministry;

(b) whether similar recommendations were also made in 21st meeting of Central Hindi Committee held on 2nd December, 1987;

(c) the action taken on these recommendations; and

(d) if not, reasons therefor?

THE MINISTER OF STATE OF THE MINISTRY OF HEALTH AND FAMILY WELFARE (SHRI DALIT EZHILMALAI): (a) No, Sir. However, Resolution No. I/20012/l/87-OL(A 1) was issued on 30th December, 1998 by the Deptt. of Official Language (M.H.A.) for forming a separate cadre in subordinate offices for translation work where it is feasible and providing avenues for promotion to the staff where it is not feasible.

(b) Yes, Sir.

(c) and (d) Action to asstess the feasibility to form a separate cadre for Hindi posts in subordinate offices of this Ministry has been initiated.

उत्तर प्रदेश में पल्स पोलियों की खुराक

2870. **श्री मुनव्वर हसन** : क्या स्वास्थ्य और परिवार कल्याण मंत्री यह बताने की कृपा करेंगे कि **:**

(क) क्या यह सच हैं कि उत्तर प्रदेश के मुजफ्फर नगर, मेरठ, आज़मगढ़, जौनपुर, गाज़ीपुर और मऊ जिलों के शहरी और ग्रामीण क्षेत्र में पल्स पोलियों की खुराक उपलब्ध नहीं करवाई गई हैं ?

(ख) यदि हां, तो इसकें क्या कारण हैं, और

(ख) क्या सरकार उपरोक्त जिलों के ग्रामीण क्षेत्रों में बच्चों को पल्स पोलियो की खुराक उपलब्ध करवाने का प्रबंध करेगी ?

स्वास्थ्य और परिवार कल्याण मंत्रालय में राज्य मंत्री (श्री दलित एजिमलाई) : (क) से (ग) उत्तर प्रदेश में मुजफ्फर नगर, मेरठ, आज़मगढ़, जौनपुर, गाज़ीपुर और मऊ जिलों के ग्रामीण क्षेत्रों में दिसम्बर 1998, जनवरी एवं मार्च 1999 में पल्स पोलियो प्रतिरक्षण के तीन चरणों के दौरान पांच वर्ष तक की आयु के सभी बच्चों को पल्स पोलियों की खुराके दी गयी। इन जिलों द्वारा यथा सूचित कवरेज संबंधी सूचना विवरण में दी गई हैं।